

# Product Specification

## Sulfuric Acid, 1.00 Normal

**Lot Number:** SAMPLE

**Product Number:** 8300

**Manufacture Date:** N/A

**Expiration Date:** N/A

The certified value for this product is confirmed in independent testing by a second qualified chemist.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sulfuric Acid	7664-93-9	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Tris(hydroxymethyl)aminomethane/Methyl Red)	0.999-1.001 N at 20°C	N/A	723

Specification	Reference
Sulfuric Acid, 1 N	APHA (4500-Norg C)
Sulfuric acid, 1.0 N	TAPPI (T 625 cm-85)
Acid Solution, 1 N	APHA (5210 B)
Sulfuric Acid, 1 N	APHA (4500-SiO2 C)
Regenerant Solution 1, H2SO4, 1 N	APHA (4110 B)
Sulfuric Acid, 1 N	APHA (5530 B)
Sulfuric Acid, 1 N	APHA (4500-Cl- B)
Sulfuric Acid, 1 N	APHA (5570 C)
Sulfuric Acid Solution, 1 N	APHA (4500-CN- H)
Sulfuric Acid, 1 N	EPA (425.1)
Sulfuric Acid, 1 N	EPA (SW-846) (9067)
Sulfuric Acid, 1 N	EPA (370.1)
Sulfuric acid, 1 N	TAPPI (T 610 sp-97)
Sulfuric Acid, 1 N	EPA (420.3)
Sulfuric Acid, 1 Normal Volumetric Solution	ACS (N/A)
0.5 M Sulphuric acid Volumetric Solution	EP (3007800)
Sulfuric Acid, Normal (1 N) Volumetric Solution	USP (N/A)
Sulfuric Acid, 1 N	APHA (4500-NH3 B)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
8300-1	4 L natural poly	36 months
8300-16	500 mL natural poly	36 months
8300-1CT	4 L Cubitainer®	36 months
8300-2.5	10 L Cubitainer®	36 months
8300-32	1 L natural poly	36 months
8300-4	120 mL natural poly	36 months
8300-5	20 L Cubitainer®	36 months
8300-55	55 gal poly drum	36 months
R8300000-2.5D1	2.5 L glass	36 months
R8300000-30E	30 gal drum	36 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

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